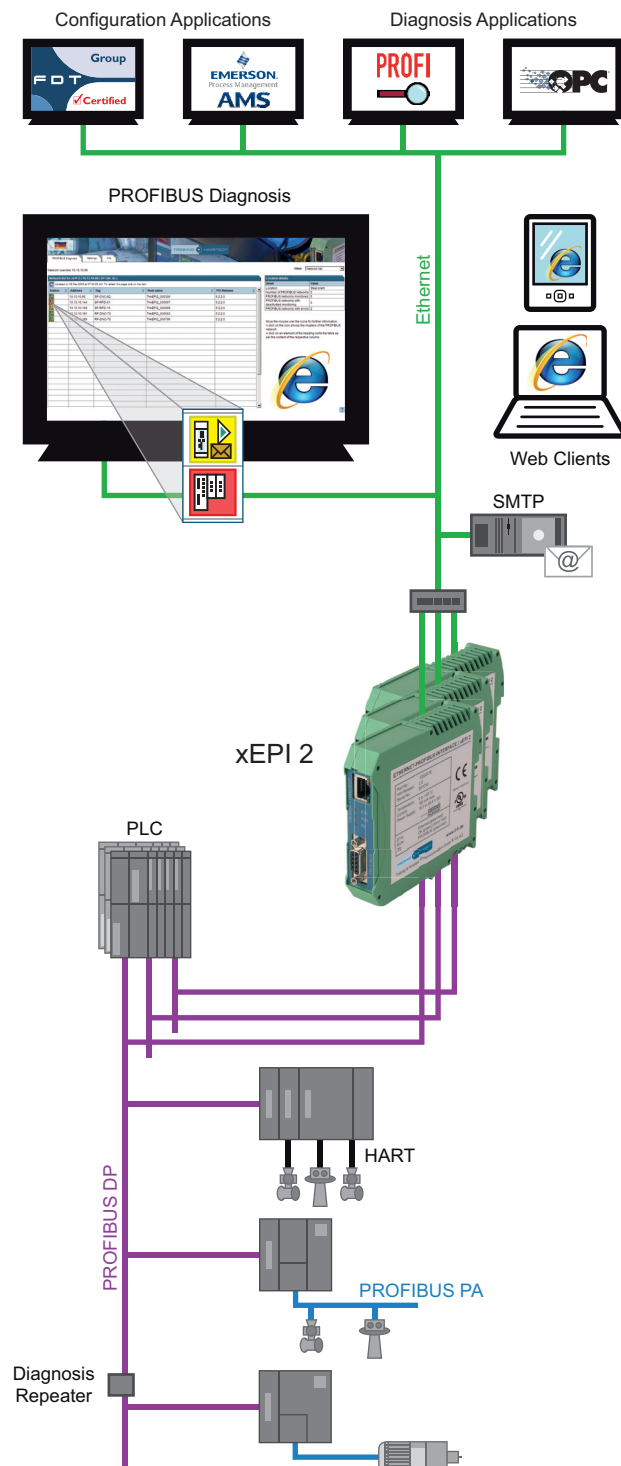


xEPI 2



The xEPI 2 enables access to PROFIBUS via Ethernet and provides diagnosis functions for continuous monitoring of PROFIBUS networks. It supports various standards and applications for central field device configuration and for diagnosis of PROFIBUS networks.

APPLICATION

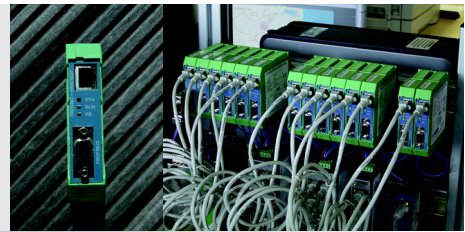
The xEPI 2 can be used in the PROFIBUS network both passively without its own station address and as an active station. Failures are displayed in a clear, well-arranged format via Web interface.

As a passive station, the xEPI 2 operates as data collector and analyses the cyclic data exchange of the PROFIBUS network.

As an active station, the xEPI 2 operates as class 2 master (acyclic DP master) with its bus parameters and station address being assigned by the parent application.

FUNCTIONS

- Status overview of the entire installation
- Navigation in detailed views of the single PROFIBUS networks down to modular level
- Error list with time stamp and plaintext diagnoses including tips for troubleshooting
- Saving of up to 4,000 messages per xEPI 2
- Live List
- Statistics of bus load and failure frequencies (e.g. repeat telegrams)
- Configurable email alert in case of failures
- Time synchronization with SNTP server or PC system time
- Display and analysis of Siemens Diagnostic Repeaters (bus physics)
- PROFIBUS access for the PROFIBUS Scope software
- Master function (MCL 2) for PC-based applications (such as FDT frame application, Emerson's AMS Suite, TH OPC Server DP)



Scope of Delivery

xEPI 2 hardware

Installation Guide

Per download at www.t-h.de

Release Note

Trebing + Himstedt DTM Library (includes CommDTM PROFIBUS DP-V1)

TACC - TH AMS Devcie Manager Communication Components (includes HART Over PROFIBUS)

Technical Data

Nominal Supply Voltage		24 V DC (19.2 ... 28.8)
Current Consumption		max. 190 mA
Ambient Temperature Range		0 ... 50°C
Transfer Rate PROFIBUS	TH OPC Server DP, AMS Suite, FDT	max. 12 MBit/s
	xEPI 2 PROFIBUS Diagnosis, PROFIBUS Scope	max. 1.5 MBit/s
PROFIBUS Interface		RS 485
Ethernet Interface		RJ-45 (10Base-T/100Base-TX)
Mounting		35 mm DIN Top Hat Rail
Dimensions W x H x D		22.5 x 99 x 114.5 mm
Weight		120 g
Certificate		CE UL

System requirements

see Release Note xEPI 2 (www.t-h.de)

Order Information

xEPI 2 10002416

Optional

Mobile Connection Kit (Power supply, Ethernet cabel, PROFIBUS cable) 10002686

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